

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2086	"381".clas. and (speaker or loudspeaker) and test\$4 and (ping or impulse or test) and (volume or level or amplitude)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/04 16:39
S2	1475	"381".clas. and (speaker or loudspeaker or transducer or microphone).ab. and (ping or impulse or test) and (volume or level or amplitude) and (@rlad<"20030320" or @ad<"20030320")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/04 16:41
S3	1231	"381".clas. and (speaker or loudspeaker or microphone).ab. and (ping or impulse or test) and (volume or level or amplitude) and (@rlad<"20030320" or @ad<"20030320")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/04 16:42
S4	592	"381".clas. and (speaker or loudspeaker or microphone).ab. and (ping or impulse or test) and (volume or level or amplitude) and (@rlad<"20030320" or @ad<"20030320") and delay	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/04 16:43
S5	506	"381".clas. and (speaker or loudspeaker or microphone).ab. and (ping or impulse or test) and (volume or level or amplitude) and (@rlad<"20030320" or @ad<"20030320") and delay and (channel or path)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/04 16:44
S6	486	"381".clas. and (speaker or loudspeaker or microphone).ab. and (ping or impulse or test) and (volume or level or amplitude) and (@rlad<"20030320" or @ad<"20030320") and delay and (channel or path) and (field or room or auditorium or hall)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/04 16:45
S7	353	"381".clas. and (speaker or loudspeaker or microphone).ab. and (ping or impulse or test) and (volume or level or amplitude) and (@rlad<"20030320" or @ad<"20030320") and delay and (channel or path) and (field or room or auditorium or hall) and (audio or sound).ab.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/04 16:51

S8	242	"381".clas. and (speaker or loudspeaker or microphone).ab. and (ping\$4 or test\$4) and (volume or level or amplitude) and (@rlad<"20030320" or @ad<"20030320") and delay and (channel or path) and (field or room or auditorium or hall) and (audio or sound).ab.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/04 16:52
S9	118	"381".clas. and (speaker or loudspeaker or microphone).ab. and (ping\$4 or test\$4) and (volume or level or amplitude) and (@rlad<"20030320" or @ad<"20030320") and delay and (channel or path) and (field or room or auditorium or hall) and (audio or sound).ab. and computer	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/04 16:55
S10	20	"381".clas. and (speaker or loudspeaker or microphone).ab. and (ping\$4 or test\$4) and (volume or level or amplitude) and (@rlad<"20030320" or @ad<"20030320") and delay and (channel or path) and (field or room or auditorium or hall) and (audio or sound).ab. and (computer program)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/04 16:56
S11	29	"381".clas. and (speaker or loudspeaker or microphone).ab. and (ping or test or impulse) and (volume or level or amplitude) and (@rlad<"20030320" or @ad<"20030320") and delay and (channel or path) and (field or room or auditorium or hall) and (computer (program or code))	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/04 16:58
S12	486	"381".clas. and (speaker or loudspeaker or microphone).ab. and (ping or impulse or test) and (volume or level or amplitude) and (@rlad<"20030320" or @ad<"20030320") and delay and (channel or path) and (field or room or auditorium or hall)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/05 09:27
S13	477	"381".clas. and (speaker or loudspeaker or microphone).ab. and (ping or impulse or test) and (volume or level or amplitude) and (@rlad<"20030320" or @ad<"20030320") and delay and (channel or path) and (field or room or auditorium or hall) and time	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/05 09:43

S14	39	381/56,61,58.ccls. and (speaker or loudspeaker or microphone).ab. and (ping or impulse or test) and (volume or level or amplitude) and (@rlad<"20030320" or @ad<"20030320") and delay and (channel or path) and (field or room or auditorium or hall)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/05 09:45
S15	55	381/1.ccls. and (speaker or loudspeaker or microphone).ab. and (ping or impulse or test) and (volume or level or amplitude) and (@rlad<"20030320" or @ad<"20030320") and delay and (channel or path) and (field or room or auditorium or hall)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/05 10:32
S16	0	("2004/0071294").URPN.	USPAT	ADJ	ON	2007/12/05 11:06
S17	71	381/95,96,97,98,104,111.ccls. and (speaker or loudspeaker or microphone).ab. and (ping or impulse or test) and (volume or level or amplitude) and (@rlad<"20030320" or @ad<"20030320") and delay and (channel or path) and (field or room or auditorium or hall)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/05 11:14
S18	179	"381".clas. and (speaker or loudspeaker or microphone).ab. and (ping or test) and (volume or level or amplitude) and (@rlad<"20030320" or @ad<"20030320") and delay and (channel or path) and (field or room or auditorium or hall) and time not S14 not S15 not S17	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/05 12:58
S19	10	("4412097"   "4420655"   "4509022"   "4622440"   "4718099"   "5978490"   "6035049"   "6389142"   "6421448"   "6654468").PN. OR ("7113604"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/12/05 13:05
S20	9	("4420655"   "4509022"   "4622440"   "5978490"   "6389142").PN. OR ("6654468"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/12/05 13:05
S21	60	381/92.ccls. and (microphone).ab. and (ping or test or impulse) and (volume or level or amplitude) and (@rlad<"20030320" or @ad<"20030320") and delay and (channel or path)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/05 14:41

S22	10	381/92.ccls. and (microphone).ab. and (test near3 signal) and (volume or level or amplitude) and (@rlad<"20030320" or @ad<"20030320") and delay and (channel or path)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/05 14:59
S23	5	381/92.ccls. and (microphone).ab. and (ping) and (volume or level or amplitude) and (@rlad<"20030320" or @ad<"20030320") and delay and (channel or path)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/05 15:09
S24	2	("6968065").PN.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/12/05 15:20
S25	10	("3979566"   "4554411"   "4677657"   "5483577"   "5526408"   "5531600"   "5593236"   "5595445"   "5634730"   "5812561").PN. OR ("6968065").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/12/05 15:21
S26	45	381/92.ccls. and (microphone).ab. and (ping or test or impulse) and (volume or level or amplitude) and (@rlad<"20030320" or @ad<"20030320") and delay and (channel or path) not S22 not S23	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/05 15:33
S27	1	2005-807382.NRAN.	DERWENT	ADJ	ON	2007/12/05 16:04
S28	1	2005-807382.NRAN.	DERWENT	ADJ	ON	2007/12/05 16:04
S29	2	("0698065").PN.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/12/05 16:04
S30	2	("6968065").PN.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/12/05 16:05
S31	10	("3979566"   "4554411"   "4677657"   "5483577"   "5526408"   "5531600"   "5593236"   "5595445"   "5634730"   "5812561").PN. OR ("6968065").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/12/05 16:05
S32	23	("5483599"   "5515445"   "5524056"   "5627799"   "5757933"   "5917921"   "5978490"   "6002776"   "6101258").PN. OR ("6272229").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/12/05 17:52

S33	2	("20040202332").PN.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/12/05 17:56
S34	20	381/92.ccls. and (microphone).ab. and (ping or test or impulse) and (volume or level or amplitude) and (@rlad<"20030320" or @ad<"20030320") and delay and (channel or path) not S22 not S23 and threshold	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/05 18:05

12/17/2007 10:21:53 AM

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